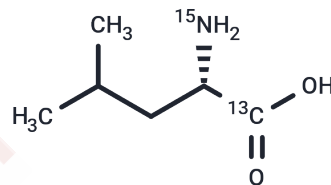


L-Leucine-1-13C,15N

Chemical Properties

CAS No. :	80134-83-4
Formula:	C ₆ H ₁₃ NO ₂
Molecular Weight:	133.16
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	L-Leucine-1-13C,15N is L-Leucine (T3O2749) that is labeled with 13C and 15N. L-Leucine (T3O2749) is an essential branched-chain amino acid (BCAA) known to activate the mTOR signaling pathway.
Targets(IC50)	Endogenous Metabolite,mTOR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.5098 mL	37.5488 mL	75.0976 mL
5 mM	1.502 mL	7.5098 mL	15.0195 mL
10 mM	0.751 mL	3.7549 mL	7.5098 mL
50 mM	0.1502 mL	0.751 mL	1.502 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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